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	CENTRAL INTE	LLIGENCE AGENCY	
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MEMORANDUM	FOR: The Director o	f Central Intelligence	
SUBJECT	: MILITARY THOUG	HT (SECRET): "The Use of the	
505041	Forces and Mea	ns of Aerial Reconnaissance",	
	by Col. G. Yel	etskikh	
1. E	nclosed is a verbatim	translation of an article from the	
SECRET Col	lection of the Journa	1 "Military Thought" published by	
	ry of Defense, USSR, on commander.	and distributed down to the level	
		erence by USIB agencies, the gned to this series of TOP SECRET	
		tary Soviet material. The word	
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to the orig	ginating office.		
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		Nichard Helme	
		Richard Helms	
		Richard Helms Deputy Director (Plans)	
Enclosure			
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Enclosure		Deputy Director (Plans)	

However, the dispersal of aerial reconnaissance forces among combined-arms armies will hinder their concentration along the main axis of combat operations and will require considerably larger forces then if they were used in a contralized manner, while the problems of their basing and supply of the combat support of reconnaissance aviation

them in a front in a decentralized manner.

then if they were used in a contralized manner, while the proofcal of their basing and supply, of the combat support of reconnaissance aviation

* Collection of Articles of the Journal "Military Thought", 2 (57), 1961.

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	fupply of a re 10 thousand it the storage an of a combined	connaissance aviatems (nomenalatura) d transportation of transportation of the army consider	ion unit (aut of aviation f which will rably.	conneisance data, will agh to say that the punit) requires about technical material, burden the rear area	
	winged missiles composition of ordinate the ar pendent artille	krylataya raketa the air army of the tillery fire-directory fire-directing	a), should be refront. It sting aviations of	is advisable to sub- n regiment (or inde- perationally to the	
	ations to the t which are open forces of the f forces, with the	view, may be assigned and combined at ting along the main ront. The central:	gned in the c rms armies, c n axis, separ ized use of a	ce forces (up to 50 course of combat oper- especially to those ated from the main erial reconnaissance	
	reconvissance is shortcomings mer control, and cor modern combat ar	to combined-arms are ntioned above, which aforms to the higher ad operations.	nd tank armie ch are inhere est degree to	ources of tactical s, eliminates the nt in decentralized the character of	
	advisability of During the exerc carried out by the	ne intelligence	ve precise co llthe serial re of serial re	onfirmation of the econnaissance forces. econnaissance was	\$
) (2	Recommissance are conduct recommis The activities of and of the combat	vistion regiments of the operational regiments	recognaters the command reconnaissance	of the air army. viation were used to of the ground troops. e aviation regiment	
8	side in the exerc	ise yere one man	Tuctuded In	rons were directed by the air army on each lation regiment of rational reconnaissance.	
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headquar	rters of the ground to	roops concarned;	!		
	the organization of	direct lines of c	ommunications betwe	en	
reconnal	esunce units and the	intoll (nee d	irectorate of the	front	
comoine o	onnuissance section of learns armies, using	security devices	neaquarters, and (apparatura zaseki	the echivariwi)	
and face	imile telegraph;	- 			
••	the extensive use of	helicopters and	of linison	eircreft	
for the concerne	immediate delivery o	f photographic doc	cuments to the hea	dquarters	
The	highly dynamic natu	re of combut opera	itions requires th	e use of	
for can't	ed, high-performance, for the initial pro-	cessing or reconns	lissance informati	on The	
PAR COM T	or correcting and bro	Ocessing reconnais	isence data miat b	a autou	
electron	the maximum degree. ic computers (clettro	This can be achi Onnava vychislitel	.eved by the emplo	yment of	
			·	•	
reconnai	onel F. Yeremenko's passance by single sire	proposal on the co craft, instead of t	obduct of tactical	aerial Ctaleo	
needs so	me elaboration.		y prazio di diligia.	. 0, 0 180	
Aer	ial reconnaissunce me	y be carried out	by using singless	pat fighter	
GILCIALU	pringry, in bails. Of	'in small groung.	It is advisable	to conduct	
TORIGHT (ssance with a single conditions, i.e., when	aircraft in dayti a supporting (ve	me in difficult me domyy) aircraft is	eteoro-	
follow th	ne leading sircraft.				
For	the present, our basi	c tactical reconn	aissance aircraft	is still	
OTIG MICH	5R bis, whose maximulater aircraft of our	un speed is less ti	han half the encod	l of the	
Or BUILDE	BIGT LECOUDSIBESUCS	Yor the crews of 1	these sircraft is	Obcomunt ton	
or the 81	tuation in the air.	In a flight by to	WO sireraft this t	onk to	
DC30 GTIC	TATE IS MINIDIE TO OD	serve the altimitiz	on in the air and	at the	
same cime	to pilot his aircra ain radio communicat	ft, keep his bear	ings, carry out, rec	Onna i sea noo	
monarry C	arry out reconnaissa:	nce in pairs, alt)	hough in douting	undaw nam-	
MELL METEO	rological conditions,	, and with strong of	opposition from en	emy fighter	
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	planes, it by large gr	may be perroups.	erformed by	flights (z	veno), or	even, som	etimes,	
	In con Colonel F.	nclusion, Yeremenko	there are to which, in	wo further our opinion	points in	n the artic	cle of	
	It is	stated on	n bage 73 th	at the acc	irony with	subjah +ha		
	can be dete	er cojecti Frmined, m	ves (target av varv bet	s) reconno	itered by	air observ	vation	
	100 km, its	an objec s coordina	tive by mis tes must be	ssiles at a determined	distance	of 80 / ?	7 to	
	in obtainin	is. we con	nsider that ates of obj	the capabi ectives hav	ilities of ve been di	'air obser	vation	
	increased b	e times, was much	while the a · Experien	ccuracy reques	uired (50	to 60m).h	as been	nits
	mine the co	ordinates	of targets	ount of tra	ining, cr	ews are ab	le to deter	•
	ordinates f	or operati	lonal-taction	cessary in cal missile	the deter	mination o	• • • •	
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